



SEQUENCE LISTING

<110> WATANABE, KATSUJI

OKUDA, MITSURU

<120> METHOD AND SYSTEM FOR SEARCHING FOR RELATIONSHIPS BETWEEN BASE SEQUENCES
IN GENES

<130> 210847US0X

<140> 09/900,876

<141> 2001-07-10

<150> JP 2000-215134

<151> 2000-07-14

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 1009

<212> DNA

<213> Rhodospirillum salexigens

<220>

<221> misc_feature

<222> (50)..(51)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (63)..(63)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (463)..(463)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (468)..(468)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (574)..(574)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (687)..(687)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (806)..(806)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (853)..(854)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (888)..(889)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (966)..(966)

<223> n = c, g, a, or t

<400> 1

gctcagaacg aacgctggcg gcaggcctaa cacatgcaag tcgagcgcan nccttcgggg	60
gtnagcggcg gacgggtgag taacgcgtgg gaacctgctc agggctctgg gataactgct	120
ggaaacggca gctaataccg gatacgccgt attgggaaag aaattcggcc ttggatgggc	180
ccgcgttggg ttagctagat ggtggggtaa cggcctacca tggcgacgat ccatagctgg	240
tttgagagga tgatcagcca cactgggact gagacacggc ccagactcct acgggaggca	300

gcagtgggga atcttagaca atgggggcaa ccctgatcta gccatgccgc gtgagtgatg	360
aaggccttag gggtgtaaag ctctttcagc agggaagata atgactgtac ctgcagaaga	420
agctccggct aactccgtgc cagcagccgc ggtaatacgg agngggcnag cggtgttcgg	480
aattactggg cgtaaagcgc gcgtaggcgg atcggtcagt tgggggtgaa agcccggggc	540
tcaacctcgg aactgccctc aaaactaccg atcnagagtt cgggagaggt aagcggaatt	600
cccagtgtag aggtgaaatt cgtagatatt gggaagaaca ccagtggcga aggcggctta	660
ctggaccgat actgacgctg aggtgcnaaa gcgtggggag caaacaggat tagataccct	720
ggtagtccac gccgtaaacg atgggtgcta gatgtcgggg ctcttagagt ttcggtatcg	780
cagctaacgc attaagcacc ccgccngggg agtacggccg caagggtaaa actcaaagga	840
attgacgggg gcnngcacaa gcggtggagc atgtggttta attcgaanna acgcgcagaa	900
ccttaccagc tcttgacatc ccgggacgac ttccagagat ggattttttc acttcggtga	960
cccgngaca ggtgctgcat ggctgtcgtc agctcgtgtc gtgagatgt	1009

<210> 2

<211> 1490

<212> DNA

<213> Rhodospirillum salexigens

<220>

<221> misc_feature

<222> (1)..(1)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (72)..(73)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (85)..(85)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (485)..(485)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (490)..(490)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (596)..(596)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (709)..(709)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (828)..(828)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (875)..(876)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (910)..(911)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (988)..(988)

<223> n = c, g, a, or t

<220>

<221> misc_feature

<222> (1045)..(1045)

<223> n = c, g, a, or t

<220>

<221> misc_feature
 <222> (1332)..(1333)
 <223> n = c, g, a, or t

<220>

<221> misc_feature
 <222> (1408)..(1408)
 <223> n = c, g, a, or t

<220>

<221> misc_feature
 <222> (1437)..(1442)
 <223> n = c, g, a, or t

<220>

<221> misc_feature
 <222> (1451)..(1475)
 <223> n = c, g, a, or t

<400> 2

ncaacatgag agtttgatcc tggctcagaa cgaacgctgg cggcaggcct aacacatgca	60
agtcgagcgc annccttcgg gggtnagcgg cggacgggtg agtaacgcgt gggaaacctgc	120
tcagggctct gggataactg ctggaaacgg cagctaatac cggatacgcc gtattgggaa	180
agaaattcgg ccttg gatgg gcccgcggtg gattagctag atggtgggggt aacggcctac	240
catggcgacg atccatagct ggtttgagag gatgatcagc cacactggga ctgagacacg	300
gcccagactc ctacgggagg cagcagtggg gaatcttaga caatgggggc aaccctgatc	360
tagccatgcc gcgtgagtg tgaaggcctt agggttgtaa agctctttca gcagggaaga	420

taatgactgt	acctgcagaa	gaagctccgg	ctaactccgt	gccagcagcc	gcggtataac	480
ggagnnggcn	agcgttggtc	ggaattactg	ggcgtaaagc	gcgcgtaggc	ggatcgggtca	540
gttggggggtg	aaagcccggg	gctcaacctc	ggaactgccc	tcaaaactac	cgatcnagag	600
ttcgggagag	gtaagcggaa	ttcccagtg	agaggtgaaa	ttcgtagata	ttgggaagaa	660
caccagtggc	gaaggcggct	tactggaccg	atactgacgc	tgaggtgcna	aagcgtgggg	720
agcaaacagg	attagatacc	ctggtagtcc	acgccgtaaa	cgatgggtgc	tagatgtcgg	780
ggctcttaga	gtttcgggtat	cgcagctaac	gcattaagca	ccccgccnng	ggagtacggc	840
cgcaagggtta	aaactcaaag	gaattgacgg	gggcnngcac	aagcggtgga	gcatgtgggtt	900
taattcgaan	naacgcgcag	aaccttacca	gctcttgaca	tcccgggacg	acttccagag	960
atggattttt	tcacttcgggt	gacccggnga	caggtgctgc	atggctgtcg	tcagctcgtg	1020
tcgtgagatg	ttgggttaag	tcccncaacg	agcgcaaccc	tcgcccttag	ttgccagcat	1080
ttggttgggg	actctaagg	aactgccggt	gataagccgg	aggaaggtgg	ggatgacgtc	1140
aagtcctcat	ggcccttatg	ggctgggcta	cacacgtgct	acaatggcgg	tgacagaggg	1200
cagcgagcct	gcgaggggtga	gcgaatctct	aaaagccgtc	tcagttcgga	ttgttctctg	1260
caactcgaga	gcatgaaggt	ggaatcgcta	gtaatcgcg	atcagcatgc	cgcggtgaat	1320
acgttcccgg	gnnttgtaga	caccgcccgt	cacaccatgg	gagttgggtt	gacccgaaga	1380
cggtgagcta	acccgaaagg	ggggcagncg	gccacgggtca	ggtcagcgac	tggggtnnnn	1440
nngtaacaag	nnnnnnnnnn	nnnnnnnnnn	nnnnngatca	cctcctttct		1490

<210> 3

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 3

gctcagattg aactcggcg

19

<210> 4

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA

<400> 4

acatttcaca acacgagctg

20